

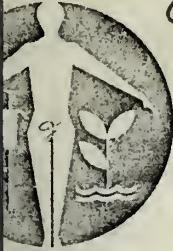
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Montana State Library



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Department of Health and Environmental Sciences  
**STATE OF MONTANA** HELENA, MONTANA 59601

**John S. Anderson M.D.  
DIRECTOR**

October 31, 1973

STATE DOCUMENTS

NOV 1 1973

Board of County Commissioners, Courthouse, Bozeman  
City-County Planning Department, Courthouse, Bozeman  
City-County Health Department, Box 639, Bozeman  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
F. Delbrook Lichtenberg, Professional Building, Bozeman  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena  
Ken Porter, 502 South Grand, Bozeman  
Ric Graetz, Box 894, Helena  
Rick Applegate, Route 3, Box 114, Bozeman

## IMPACT ASSESSMENT NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review of the following subdivision:

Alpenhäuser Subdivision No. 1 located in the SW 1/4 of Section 17,  
Township 1 South, Range 7 East, MPM, Gallatin County, Montana.

The owners would divide 72.21 acres into 15 lots, each with an individual water and sewer system. Six existing wells on the property indicate an adequate supply of water for domestic purposes is available on the property. Percolation rates and groundwater data submitted indicate the lots on the property meet or exceed minimum standards with respect to subsurface sewage disposal.

Bridger Creek forms the eastern boundary of the subdivision. The four lots platted along the creek range from 2.958 to 7.570 acres in size. Individual sewage systems can be located 300 or more feet from the creek on each of these lots.

The proposed action would be to grant certified subdivision approval. The environmental review process did not indicate a significant environmental impact from the proposed action. This division action is not considered significant. Alternatives available to this division are as follows:

- a. Grant certified subdivision approval as submitted. The information contained in the submittal indicates that consideration should be given to this alternative.

- b. Refuse to grant certified subdivision approval. The environmental review process did not indicate the division can justify this action.

This impact assessment will be circulated for a period of 15 days at which time this division will review this project in light of comments received that are applicable.

*A. P. Keppner*

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A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

APK:sh

cc: Ben Wake

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# H2ia Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

NOV 19 1973

November 16, 1973

Board of County Commissioners, Courthouse, Billings  
City-County Planning Board, Courthouse, Billings  
Allen Bond, Sanitarian, 205 Courthouse, Billings  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Alf Hulteng, Branch Office, Box 20296, Billings  
Joe Boyd, R. R. #3, Billings  
Mr. John Seader, Route 3, Billings  
Yellowstone Development Council, Room 201 Courthouse, Billings  
Attention: John Ranney  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena  
Ric Graetz, Box 894, Helena

## IMPACT ASSESSMENT Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

Lots 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 15, Block 3, First Filing; Lots 1, 2, 22 and 26, Block 7, Second Filing; Lots 1, 2, 23, and 24, Block 5, Second Filing; and Lots 1, 2 and 3, Block 9, Second Filing, Arrow Island Subdivision located in Sections 1 and 12, Township 2 North, Range 27 East and Section 7, Township 2 North, Range 28, East, MPM, Yellowstone County, Montana.

These 22 lots are a part of the proposed Arrow Island Subdivision, which would eventually divide 572 acres into 155 lots. An environmental impact statement was prepared and circulated in January 1973, and a final statement prepared and circulated in March 1973. Questions remained unanswered with respect to groundwater levels, water supply, solid waste disposal and road construction.

A new application has been submitted requesting the removal of the sanitary restriction on the 22 lots only. Tests conducted by Northern Testing Laboratories indicate these lots have a groundwater regime compatible with subsurface sewage disposal. Cisterns have been proposed as a means of supplying domestic water, and the services of a water hauler are available. A trash and garbage collection service would serve the area. Roads within the proposed subdivision would be maintained by the county of Yellowstone, which would prevent sedimentation of surface waters.



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[https://archive.org/details/impactassessmen1973mont\\_0](https://archive.org/details/impactassessmen1973mont_0)

The proposed action would be to remove the sanitary restriction from the 22 lots. The environmental review process did not indicate a significant environmental impact from the proposed action. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater. The City-County Planning Board has given their approval to this subdivision.

Alternatives available to this division are to remove the sanitary restriction from the property or refuse to remove the sanitary restriction from the property. This division action is not considered significant.

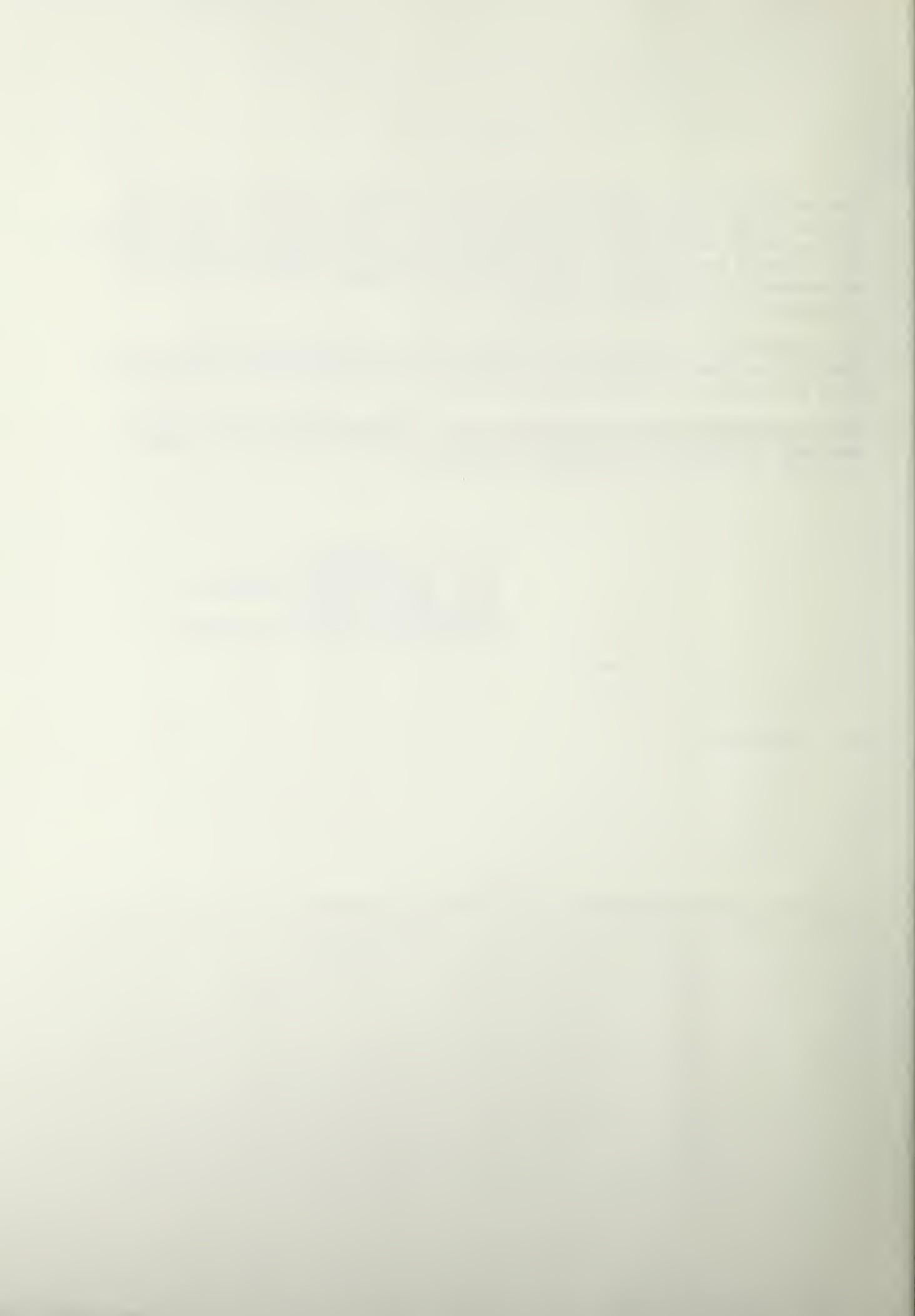
This assessment will be circulated to all interested government agencies and public groups until December 3, 1973. Further action will be made in light of comments received by that date.

*A. P. Keppner*

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A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake





August 15, 1973

STATE DOCUMENTS

Board of County Commissioners, Courthouse, Missoula  
City-County Planning Board, Courthouse, Missoula  
City-County Health Department, Courthouse Annex, Missoula  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Dave Kunnalle, Branch Office, Box 1031, Kalispell  
William P. Chilcote, 121 Short Street, Missoula  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena

AUG 17 1973

Impact Assessment  
Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

Aspen Addition No. 1 located in the N 1/2, NE 1/4, Section 25,  
Township 15 North, Range 20 West, MPM, Missoula County, Montana  
consisting of five acres divided into eight lots.

The proposed action would be to remove sanitary restrictions from the property. The environmental review process did not indicate a significant environmental impact from the proposed action. The area is contiguous to residential development and has been zoned residential by the City-County Planning Board. Water would be supplied through individual wells and sewage disposal through septic tanks and subsurface drainfields. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater. A six-foot depth to groundwater just meets minimum state requirements.

Alternates available to this division are to remove sanitary restrictions or not remove sanitary restrictions. This division action is not considered significant.

After fifteen days, this project will be reviewed in light of comments received.

*A. P. Keppner*

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Lake



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Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

October 1, 1973

Board of County Commissioners, Courthouse, Butte  
City-County Planning Department, Courthouse, Butte  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning  
Mr. Arthur L. Atcheson, 2601 Continental Drive, Butte  
Student Environmental Research Center, University of Montana, Missoula  
Montana State Library, Helena

IMPACT ASSESSMENT  
NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision.

Atcheson Addition No. 2 located in the E 1/2, Section 16,  
Township 2 North, Range 7 West, MPM, Silver Bow County,  
Montana.

The proposed action would be to remove the sanitary restriction from the property. Fourteen plus acres would be divided into 12 lots with individual water and sewer systems. The environmental review process did not indicate a significant environmental impact from the proposed action. The property is contiguous to residential development. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not remove the sanitary restriction. This division action is not considered significant.

*A. P. Keppner*

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A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake





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H2ia Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

October 1, 1973

Board of County Commissioners, Courthouse, Dillon  
City-County Planning Department, Courthouse, Dillon  
A. L. Juergens, M.D., County Health Officer, Box 468, Dillon  
Chris Kraft, Sanitarian, Courthouse, Dillon  
Department of Water Resources, 224 South Montana, Dillon  
Soil Conservation Service, Dillon  
Environmental Quality Council, Helena  
Montana Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Mack E. Hooper, Route 1, Box 128A, Dillon  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena

IMPACT ASSESSMENT  
NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the following two-lot subdivision:

A tract of land 100 feet square, situated in the southeast quarter (SE 1/4) of Section 8, Township 8 South, Range 9 West, M.P.M., said tract of land being more fully and particularly bounded and described as follows:

Beginning at the southeast corner of said tract of land from which point the section corner common to Sections 8, 9, 16 and 17, Township 8 South, Range 9 West, M.P.M. bears South 0°09' West 1920.8 feet distance;

Thence running North 89°51' West 100.0 feet to the southwest corner of said tract; thence running North 0°09' East 100.0 feet to the Northwest corner of said tract; thence running South 0°09' West 100.0 feet, along the east line of said Section 8 to the southeast corner of said tract, the point and place of beginning, said tract contains 10,000 square feet.

A parcel of land designated as parcel No. 2 located in the northwest 1/4 of the southwest 1/4 of Section 9, Township 8 south, Range 9 West, M.P.M., Beaverhead County, Montana.

Commencing at the southwest corner of Section 9, Township 8 South, Range 9 West; thence North 0°09' East 1895.80 feet to an iron pin which is the point of beginning of this survey;



Thence North 0°09' East 125 feet along the adjoining property to a point;

Thence South 89°51' East 45 feet to an iron pin;

Thence South 0°09' West 125 feet to an iron pin;

Thence North 89°51' West 45 feet to the point of beginning, said parcel contains 0.12 acres.

Said two lots are a site for one residence. Individual water and sewer systems are in existence. The combined area of both lots, 15,625 square feet, does not meet state requirements for minimum lot size. However, the present water and sewer systems have been operating without known sanitary or environmental problems.

The proposed action would be to remove the sanitary restriction from the property. The environmental review process did not indicate a significant environmental impact from the proposed action. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not remove the sanitary restriction. This division action not considered significant.

*A. P. Keppner*

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A. P. Keppner, Soils Scientist  
Water Quality Bureau

cc: Ben Wake



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Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

August 20, 1973

STATE DOCUMENTS

AUG 22 1973

Board of County Commissioners, Courthouse, Red Lodge  
Carbon County Planning Office, Box 400, Red Lodge  
William Asbury, M.D., County Health Officer, Bridger  
Rodney Fink, Sanitarian, Courthouse, Columbus  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Alf Hulteng, Branch Office, Box 20296, Billings  
Gary W. Waite, 1120 Fredrick Lane, Billings  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena  
Ric Graetz, Box 894, Helena

Impact Assessment  
Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed one-lot subdivision:

Lot 14, Block 2, Point of Rocks located in Section 17, Township 8 South, Range 20 East, MPM, Carbon County, Montana

The proposed action would be to remove sanitary restrictions from this property. The environmental review process did not indicate a significant environmental impact from the proposed action. The lot is in an established subdivision. Individual water and sewer systems are proposed. The soil and water conditions are suitable for individual water and sewer systems.

Alternatives available to this division are to remove sanitary restrictions or not remove sanitary restrictions. This division action is not considered significant.

*A. P. Kepner*

A. P. Kepner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake



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Haida Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

August 15, 1973

STATE DOCUMENTS

AUG 21 1973

Board of County Commissioners, Courthouse, Red Lodge  
Carbon County Planning Department, Box 400, Red Lodge  
Rodney Fink, Sanitarian, Courthouse, Columbus  
Environmental Quality Council, Helena  
William A. Asbury, M.D., County Health Officer, Bridger  
Montana Fish and Game Department  
Department of Intergovernmental Relations, Division of Planning, Helena  
Alf Hulteng, Branch Office, Box 20296  
Carl Hanson, Box 397, Red Lodge  
Soil Conservation Service, Box J, Joliet  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Ric Graetz, Box 894, Helena  
~~Montana State Library, Helena~~

Impact Assessment  
Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed one-lot subdivision:

Tract 2B of Amended COS 654 located in Section 15, Township 7 South, Range 20 East, MT, Carbon County, Montana.

The proposed action would be to remove sanitary restrictions on this property. The environmental review process did not indicate a significant environmental impact from the proposed action. The lot is the site of an existing restaurant and the owners propose to construct a residence on the same lot. All water and sewer facilities for the restaurant have proved satisfactory. Water would be supplied through developed springs and sewage disposal through septic tanks and subsurface drainfields. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove sanitary restrictions or not remove sanitary restrictions. This division action is not considered significant.

*A. P. Keppner*

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake



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H24 Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

November 19, 1973

STATE DOCUMENTS

Board of County Commissioners, Courthouse, Virginia City  
City-County Planning Department, Ennis  
Gene Wilkins, M.D., County Health Officer, Ennis  
Chris Kraft, Sanitarian, Courthouse, Dillon  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Mrs. Harriet E. Clay, Box 96, McAllister 59740  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena

NOV 20 1973

IMPACT ASSESSMENT  
Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following nine-lot subdivision:

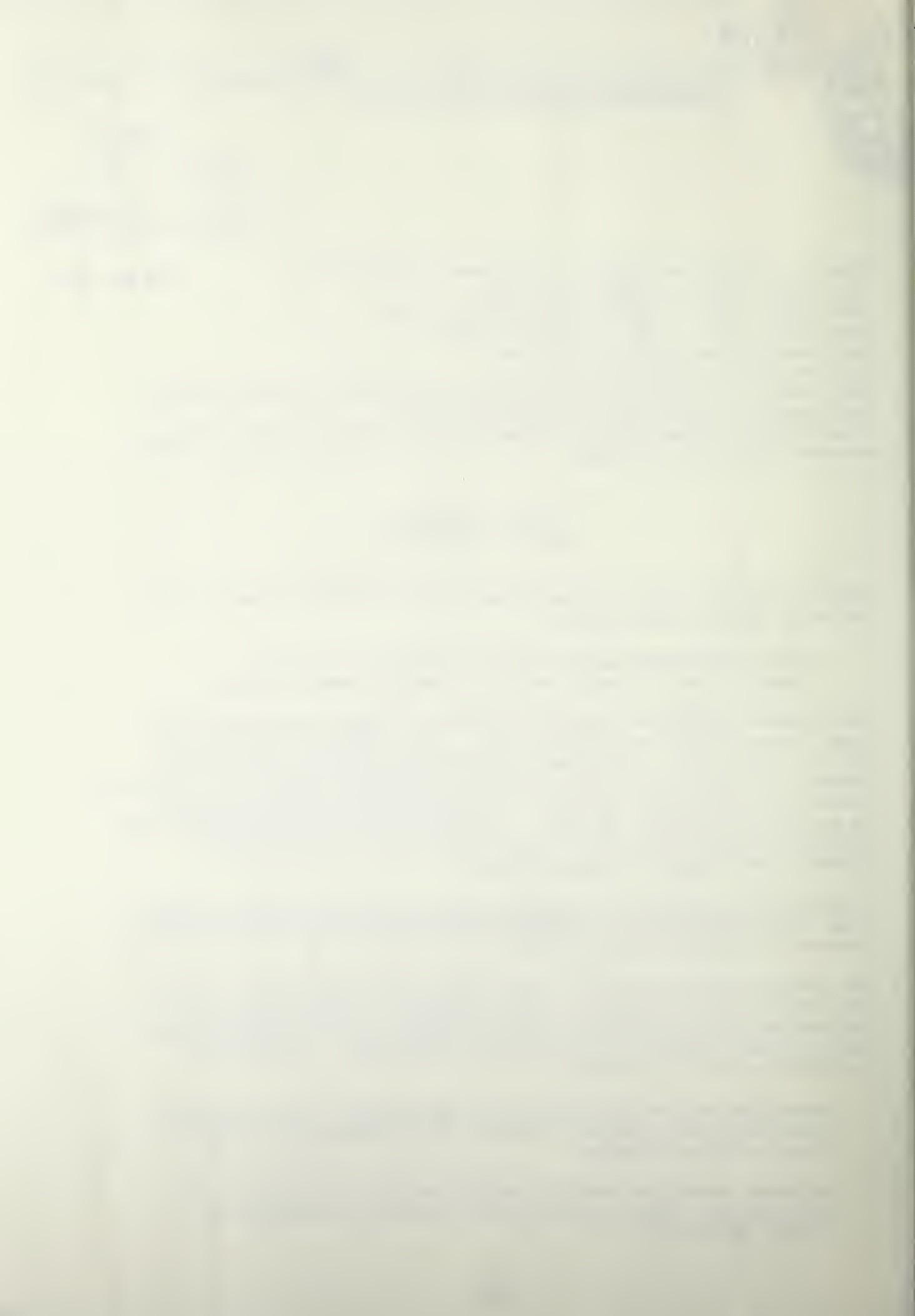
Clay's Second Subdivision located in Sections 35 and 36,  
Township 4 South, Range 1 West, MPM, Madison County, Montana

The proposed subdivision totals 9.106 acres of which 8.435 acres are in nine lots and 0.671 acre in county road. Lots range in size from 0.809 acre to 1.122 acres. Individual water and sewer systems are proposed. Evidence indicates that generous quantites of potable water can be delivered from wells of 70 to 100 feet that would penetrate the arkosic sandstone in the tertiary Bozeman Lake Beds. Percolation rates and groundwater data submitted indicate the lots on the property meet or exceed minimum standards with regard to sewage disposal.

Although this property is in close proximity to the north shore of Ennis Lake, none of the lots are contiguous to the lake as developed land lies between this property and the lake.

The proposed action would be to remove the sanitary restriction that has been imposed upon the property. The environmental review process did not indicate a significant environmental impact from the proposed action. This division's action is not considered significant. Alternatives available to this division are:

- a. Remove the sanitary restriction from the property. The information contained in the submittal indicates that consideration should be given to this alternative.
- b. Refuse to remove the sanitary restriction from the property. The environmental review process did not indicate the division can justify this action.



This impact assessment will be circulated for a period of 15 days at which time this division will review this project in light of comments received.

*A. P. Keppner*

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A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake



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Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

August 15, 1975

STATE DOCUMENTS

AUG 21 1973

Board of County Commissioners, Courthouse, Billings  
City-County Planning Board, Courthouse, Billings  
Allen Bond, Sanitarian, Courthouse, Billings  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Alf Hulteng, Branch Office, Box 20296, Billings  
Peter H. May, The Newlight Agency, Securities Building, Billings  
Charles B. Goldy, Jr., CBG Architects, Suite 425 Mart Albin Bldg., Billings  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Ric Graetz, Box 894, Helena  
Montana State Library, Helena

Impact Assessment  
Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed one-lot subdivision:

Lot 14, Block 4, Emerald Hills Acreage Tracts located in the NE 1/4, SW 1/4, Section 27, Township 1 North, Range 27 East, MT, Yellowstone County, Montana

The proposed action would be to remove sanitary restrictions from this property. The environmental review process did not indicate a significant environmental impact from the proposed action. The lot is in an established subdivision. A cistern would be used for a water supply, and sewage disposal would be through septic tank and drainfield. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

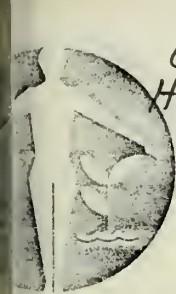
Alternatives available to this division are to remove sanitary restrictions or not remove sanitary restrictions. This division action is not considered significant.

*A. P. Keppner*

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake





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# Department of Health and Environmental Sciences STATE OF MONTANA HELENA, MONTANA 59601

Water Quality Bureau  
Environmental Sciences Division

John S. Anderson M.D.  
DIRECTOR

August 14, 1973

**STATE DOCUMENTS**

AUG 21 1973

## Impact Assessment

## NEGATIVE DECLARATION

TO: All Interested Government Agencies and Public Groups

The Water Quality Bureau has conducted an environmental review for the one-lot proposed subdivision:

Lot 9, First Pine View Estates located in the NW $\frac{1}{4}$ , Section 11, Township 3 South, Range 5 East, MPM, Gallatin County, Montana.

The proposed action would be to remove sanitary restrictions from this property. The environmental review process did not indicate a significant environmental impact from the proposed action. The lot is in an established subdivision and proposes individual water and sewer systems. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove sanitary restrictions or not remove sanitary restrictions. This division action is not considered significant.

A. P. Keppner

A. P. Keppner  
Soils Scientist  
Water Quality Bureau





John S. Anderson M.D.  
DIRECTOR

August 29, 1973

Board of County Commissioners, Courthouse, Bozeman  
City-County Planning Department, Courthouse, Bozeman  
City-County Health Department, Box 639, Bozeman  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Donald Falk, Route 1, Bozeman  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, 950 East Lyndale, Helena  
Ken Porter, 502 South Grand, Bozeman  
Ric Graetz, Box 894, Helena

Impact Assessment  
Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed two-lot subdivision:

Lots 5 and 6, Block 2, Lake Subdivision located in the SW 1/4 Section 22, Township 1 South, Range 5 East, MT, Gallatin County, Montana.

The two lots are situated in an established subdivision. The proposed action would be to remove the sanitary restriction from the property. The environmental review process from the proposed action did not indicate a significant environmental impact. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

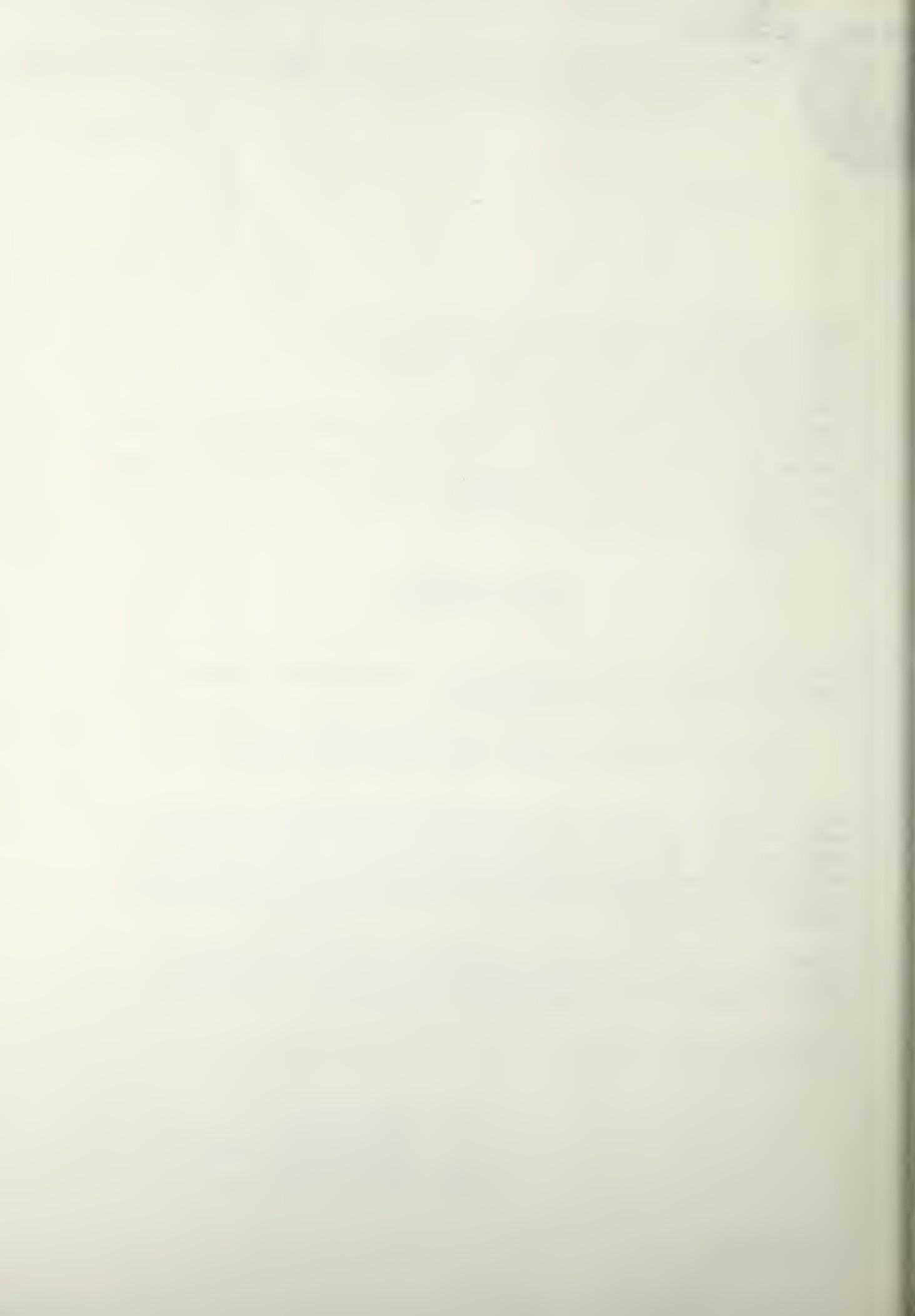
Alternatives available to this division are to remove the sanitary restrictions or not remove the sanitary restrictions. This division action is not considered significant.

Any comments concerning the proposed subdivision should be received by this office within 15 days.

*A. P. Keppner*

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake





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# Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

STATE DOCUMENTS  
SEP 11 1973

September 6, 1973

Board of County Commissioners, Courthouse, Bozeman  
City-County Planning Department, Courthouse, Bozeman  
City-County Health Department, Box 639, Bozeman  
Environmental Quality Council, Helena  
Montana Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Paul K. Dudley, P. O. Box 1068, Bozeman  
Ken Porter, 502 South Grand, Bozeman  
Ric Graetz, Box 894, Helena  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena

## IMPACT ASSESSMENT NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the following proposed one-lot subdivision:

A tract of land in the SW $\frac{1}{4}$  Section 16, Township 2 South, Range 6 East, MPM, Gallatin County, Montana more particularly described as follows: Beginning at the SW corner of said Section 16, thence North 1305.20 feet; thence East 1326.62 feet to the true point of beginning, thence N 88°48'26" West a distance of 235.09 feet, thence N 00°26'57" East a distance of 182.39 feet, thence S 89°31'04" East a distance of 235.09 feet, thence S 00°27'12" West a distance of 185.29 feet to the true point of beginning, said tract contains 0.99 acres along with and subject to any existing easements.

The proposed action would be to remove the sanitary restriction from the property. Said lot is in an established residential area. Individual water and sewage systems are proposed. The environmental review process did not indicate a significant environmental impact from the proposed action. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not remove the sanitary restriction. This division action is not considered significant.

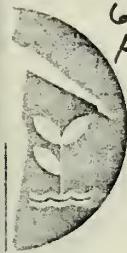
*A. P. Keppner*

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake



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# Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.

DIRECTOR

## STATE DOCUMENTS

SEP 20 1973

September 14, 1973

Board of County Commissioners, Courthouse, Bozeman  
City-County Planning Department, Courthouse, Bozeman  
City-County Health Department, Box 639, Bozeman  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena  
Ken Porter, 502 South Grand, Bozeman  
Ric Graetz, Box 894, Helena  
John F. Nash, Nash Ranch, Bozeman

### IMPACT ASSESSMENT Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed one-lot subdivision:

A tract of land in the South 1/2 of Section 6, Township 3 South, Range 6 East, MPM, Gallatin County, Montana containing 1.000 acre.

This lot was subdivided from a ranch property to facilitate financing construction of a residence. The proposed action would be to remove the sanitary restriction from the property. The environmental review process did not indicate a significant environmental impact from the proposed action. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

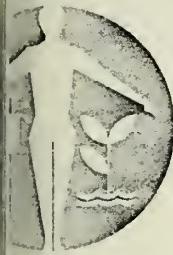
Alternatives to this division are to remove the sanitary restriction or not remove the sanitary restriction. This division action is not considered significant.

*A. P. Keppner*

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

CC: Ben Wake





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STATE DOCUMENTS  
Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

SEP 7 1973  
John S. Anderson M.D.  
DIRECTOR

September 5, 1973

Board of County Commissioners, Courthouse, Helena  
City-County Planning Department, 38 South Last Chance Gulch, Helena  
City-County Health Department, 201 South Last Chance Gulch, Helena  
Environmental Quality Council, Helena  
Montana Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning,  
Helena  
T-L-Y Partnership, 224 12th Avenue, Helena  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena  
Ric Graetz, Box 894, Helena

IMPACT ASSESSMENT  
Negative Assessment

The Water Quality Bureau has conducted an environmental review for 29 lots in Grande View Subdivision Grand View Subdivision in Section 24, Township 10 North, Range 3 West, MPM in Lewis and Clark County, Montana.

The lots are part of an area being developed as a residential area. The proposed action would be to remove the sanitary restriction from the property. The environmental review process from the proposed action did not indicate a significant environmental impact. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restrictions or not remove the sanitary restrictions. This division action is not considered significant.

*1. Sept. 1, 1973*  
Albert J. Gasvoda  
Water Quality Bureau  
Environmental Sciences Division

AJG:sh  
cc: Ben Wake





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Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

August 16, 1973

John S. Anderson, M.D.  
DIRECTOR

STATE DOCUMENTS

AUG 20 1973

TO: Board of County Commissioners, Courthouse, Bozeman  
City-County Planning Department, Courthouse, Bozeman  
City-County Health Department, Box 639, Bozeman  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
John Haley, c/o Survco, Inc., 103 Commercial Drive, Bozeman  
Ken Porter, 502 South Grand, Bozeman  
Ric Graetz, Box 894, Helena  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena

IMPACT ASSESSMENT  
NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

Haley Subdivision located in the NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , Section 1, Township 3 South, Range 5 East, MPM, Gallatin County, Montana.

The proposed action would be to remove sanitary restrictions from this property. The environmental review process did not indicate a significant environmental impact from the proposed action. The area is contiguous to residential development. Approximately twenty acres would be divided into eight lots with individual water and sewer systems. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternates available to this division are to remove sanitary restrictions or not remove sanitary restrictions. This division action is not considered significant.

After fifteen days this project will be reviewed in light of comments received.

*A. P. Keppner*

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division





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Hisia Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

August 28, 1975

## STATE DOCUMENTS

Board of County Commissioners, Courthouse, Billings  
City-County Planning Department, Courthouse, Billings  
John C. Powers, M.D., County Health Officer, Courthouse, Billings AUG 29 1973  
Environmental Quality Council, Helena  
Department of Fish and Game, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Alf J. Hulteng, Branch Office, Box 20296, Billings  
Walter S. Hill, Route 5, Wolf Road, Billings  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena  
Ric Graetz, Box 894, Helena

### Impact Assessment Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

Hill Subdivision located in the E 1/2, SE 1/4, NW 1/4,  
Section 13, Township 1 North, Range 26 East, TMI,  
Yellowstone County, Montana.

The proposed action would be to remove the sanitary restriction from the property. Twenty acres would be divided into 18 lots with individual water and sewer systems. The environmental review process did not indicate a significant environmental impact from the proposed action. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not remove the sanitary restriction. This division action is not considered significant.

A. P. Keppner

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake



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Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

STATE DOCUMENTS

October 4, 1973

OCT 11 1973

Board of County Commissioners, Courthouse, Billings  
Laurel Planning Board, Laurel  
Allen Bond, Sanitarian, Courthouse, Billings  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Mr. Alf Hulteng, Branch Office, Box 20296, Billings  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Mr. Ric Graetz, Box 894, Helena  
Mr. Michael D. Martin, Sage Engineers, 706 Central Avenue, Billings  
Mr. Daniel J. Hudson, 741 Avenue F, Billings  
Montana State Library, Helena

IMPACT ASSESSMENT  
NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

Hudson Subdivision located in the N 1/2, N 1/2, SW 1/4, NW 1/4 of Section 8, Township 2 South, Range 24 East, MPM, Yellowstone County, Montana.

Ten acres would be divided into sixteen lots with individual water and sewer systems. The proposed action would be to remove the sanitary restriction from the property. The environmental review process indicated that the only long-term environmental impact from the proposed action would be to convert highly productive irrigated land into a residential development. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not remove the sanitary restriction. This division action is not considered significant.

Any questions or comments should be received in this office within 15 days.

A. P. Keppner  
A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake



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Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

October 1, 1973

Board of County Commissioners, Courthouse, Virginia City  
City-County Planning Department, Ennis  
Gene Wilkins, M.D., County Health Officer, Ennis  
Chris Kraft, Sanitarian, Courthouse, Dillon  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Div. of Planning, Helena  
Albert E. Ellinghouse, Box 154, Sheridan  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
~~Montana State Library~~

IMPACT ASSESSMENT  
NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the following proposed one-lot subdivision:

A parcel of land in the SW 1/4 SW 1/4, Section 25, Township 4 South, Range 5 W, MPM, Madison County, Montana. Commencing from a 1/4 corner stone that is common to sections 25 and 36; thence on section line common to sections 25 and 36 on a bearing of S 89°56' W a distance of 1334.00 feet to the point of beginning, said point is the west 1/16 corner thence First Course on said section line S 89°56' W a distance of 208.78 feet; thence Second Course N 00°11' E a distance of 208.76 feet; thence Third Course N 89°56' E a distance of 208.78 feet; thence Fourth Course S 00° 11' W a distance of 208.76 feet to the point of beginning, said parcel contains 1.00 acres.

The proposed action would be to remove the sanitary restriction from the property. Individual water and sewer systems are proposed. The environmental review process did not indicate a significant environmental impact from the proposed action. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

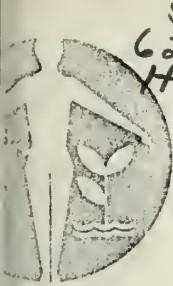
Alternatives available to this division are to remove the sanitary restriction or not remove the sanitary restriction. This division action is not considered significant.

*A. P. Keppner*

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

APK:sh  
cc: Ben Wake



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# STATE DOCUMENTS

## Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

OCT 19 1973

John S. Anderson M.D.  
DIRECTOR

October 15, 1973

Board of County Commissioners, Courthouse, Livingston  
City-Co. Planning Department, Courthouse, Livingston  
T. R. Clemons, M.D., County Health Officer, Park Clinic, Livingston  
Mr. Ray Hedrick, Sanitarian, Box 109, Livingston  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Mr. Alf Hulteng, Branch Office, Box 20296, Billings  
Mr. W. E. Harris, Livingston  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena  
Mr. Ric Graetz, Box 894, Helena

### IMPACT ASSESSMENT NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the following proposed one-lot subdivision:

A 4.833 acre tract of land located in the SE 1/4 of Section 22 and in the SW 1/4 SW 1/4 of Section 23, all in Township 2 South, Range 9 East, MPM, Park County, Montana.

The proposed action would be to remove the sanitary restriction from the property. Individual water and sewer systems are proposed. The environmental review process did not indicate a significant environmental impact from the proposed action. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not to remove the sanitary restriction. This division action is not considered significant.

A. P. Keppner, Soils Scientist  
Water Quality Bureau

cc: Ben Wake



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STATE DOCUMENTS

Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

SEP 20 1973

September 19, 1973

Board of County Commissioners, Courthouse, Livingston  
City-County Planning Department, Courthouse, Livingston  
T. R. Clemons, M.D., County Health Officer, Park Clinic, Livingston  
Ray Hedrick, Sanitarian, Box 109, Livingston  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Alf Hulteng, Branch Office, Box 20296, Billings  
John King, Box 203, Gardiner  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena  
Ric Graetz, Box 894, Helena

IMPACT ASSESSMENT  
NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

Park View Estates located in the SW 1/4, NE 1/4 and the SE 1/4, NE 1/4 of Section 23, Township 9 South, Range 8 East, MPM in Park County, Montana

Twenty-eight acres, more or less, would be divided into sixteen lots. Water would be supplied from the Gardiner-Park County Water District to nine of these lots. A pumped private water distribution system from the Gardiner-Park County Water District system would serve the remainder of the subdivision. Individual sewer systems are proposed as the subdivision lies outside the Gardiner Sewer District. Covenants obligate purchasers to join a special improvement district for extension of public sewage service when it is formed.

The proposed action would be to remove the sanitary restriction from the property. The environmental review process did not indicate a significant impact from the proposed action. The soil and water conditions are suitable for individual sewage systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not remove the sanitary restriction. This division action is not considered significant.

A. P. Keppner

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

APK:sh

cc: Ben Wake





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# Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

## STATE DOCUMENTS

August 28, 1973

AUG 29 1973

Board of County Commissioners, Courthouse, Gallatin County, Bozeman  
City-County Planning Department, Courthouse, Bozeman  
City-County Health Department, Box 639, Bozeman  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Eugene Stettler, Rainbow Ranch, Gallatin Valley  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena  
Ken Porter, 502 South Grand, Bozeman  
Bic Graetz, Box 894, Helena

### Impact Assessment Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed one-lot subdivision:

Lot 6, Block 2, Rainbow Ranch Subdivision located in the SE 1/4 of Section 28, Township 7 South, Range 4 East, F.M., Gallatin County, Montana.

This lot is in an established subdivision with frontage along the West Gallatin River. It is over an acre in size and over 500 feet deep. The area is not in a flood plain, and groundwater is over 10 feet from the surface. Percolation rate is about 10 minutes per inch.

The proposed action would be to remove the sanitary restriction from the property. The environmental review process did not indicate any adverse environmental effects from the proposed action as the soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not remove the sanitary restriction. This division action considered not significant.

C.E. Keppner

State of Montana, 1973  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Vukic



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Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

STATE DOCUMENTS

October 4, 1973

OCT 11 1973

Board of County Commissioners, Courthouse, Billings  
City-County Planning Department, Courthouse, Billings  
Mr. Allen Bond, Sanitarian, Courthouse, Billings  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Mr. Alf Hulteng, Branch Office, Box 20296, Billings  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Mr. Ric Graetz, Box 894, Helena  
Atlas Engineer, 2511 Old Hardin Road, Billings  
Mr. Robert Schulz, Route 3, Billings  
Mr. Buddy Wright, Route 3, Billings  
Montana State Library

IMPACT ASSESSMENT  
NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

River Vista Tracts, First Filing and River Vista Tracts, Second Filing located in the E 1/2, Section 23 and Lot 3, Section 24, Township 2 North, Range 27 East, MPM, Yellowstone County, Montana.

The owners would subdivide 177 acres into 45 lots with individual water and sewer systems. The Billings-Yellowstone City-County Planning Board has given approval to this proposed subdivision after giving due consideration to the social and economic aspects of development.

Stratigraphically, the area is underlain by shallow alluvial deposits which are underlain by the lower sections of the Bearpaw Shale. Alluvial deposits consist of stratified clays, sands and gravels. In the proposed project, test well data indicates six to eight feet of heavy plastic clays over 30 feet of very fine silt, sand and gravel. The sands and gravels yield water of poor quality. The Bearpaw Shale under the alluvial deposits will not yield usable water. Drilled wells would have to penetrate this shale and extend into sandstone of the underlying Judith River Formation. This would require a drill depth of 150 to 175 feet. The Judith River Formation is extensively faulted in the planned subdivision, resulting in water quality that is lower than in areas south and west. However, the water quality is generally adequate for domestic use.



As in most areas with stratified surface material, the soil is quite varied. This is evidenced by the wide range of percolation rates. On some lots, percolation holes were dug through the heavy clays to the silts, sands and gravels below giving satisfactory percolation rates. On other lots, the heavy clay layer was too thick to drill a satisfactory test hole.

The proposed action would be to remove the sanitary restriction from the property. Three alternatives are available to this division:

- a. Remove the sanitary restriction from the subdivision as submitted. Because of soil conditions described above, this division finds this alternative unacceptable.
- b. Refuse to remove the sanitary restriction on all the lots. The Environmental review process did not indicate the division can justify this action.
- c. Remove the sanitary restriction from portions of the subdivision appearing to meet minimum standards regarding water supply systems and sewage disposal systems.

At this time, it is the opinion of this division that all wells must be sufficiently deep to penetrate the Bearpaw Shale and enter the Judith River Sandstone. Due to soil conditions and designs presented, sanitary restrictions cannot be removed on Lots 1, 2, 3 of Block 2; Lots 2, 3, 9, 10, 11, 12 of Block 3; Lots 5, 6, 7, 8, 9 of Block 4. Due to lack of soil information, sanitary restrictions cannot be removed on Lots 1 and 2 of Block 1.

This division action is not considered significant on the remaining 29 lots.

Any questions or comments should be submitted to this office within 30 days.

*A. P. Keppner, Jr.*  
A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

APK:sh  
cc: Ben Wake



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# Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

September 20, 1973

## STATE DOCUMENTS

SEP 26 1973

Board of County Commissioners, Courthouse, Billings  
City-County Planning Board, Courthouse, Billings  
Allen Bond, Sanitarian, Courthouse, Billings  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Alf Hulteng, Branch Office, Box 20296, Billings  
Henry Rush, 2904 Radcliff Drive, Billings  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
~~Montana State Library, Helena~~  
Ric Graetz, Box 894, Helena

### IMPACT ASSESSMENT NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review of the following proposed subdivision:

Rush Subdivision Fourth Filing located in Section 33, Township 1 North, Range 25 East, MPM, Yellowstone County, Montana

The owners would divide 9.09 acres into 35 lots with water supplied by the Billings city water system and sewage disposal by septic tanks and drainfields. The proposed subdivision has been approved by the City-County Planning Board and has a favorable report from the Yellowstone County Department of Health. It is contiguous to current residential development.

The proposed action would be to remove the sanitary restriction from the property. The environmental review process did not indicate a significant environmental impact from the proposed action. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not remove the sanitary restrictions. This division action is not considered significant.

*A. P. Keppner*

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake



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Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson, M.D.  
DIRECTOR

August 15, 1973

STATE DOCUMENTS

Board of County Commissioners, Courthouse, Dillon  
City-County Planning Department, Courthouse, Dillon  
A. L. Juergens, M.D., County Health Officer, Box 468, Dillon  
Chris Kraft, Sanitarian, Courthouse, Dillon  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
August J. Schreiber, Route 1 Box 68A, Dillon  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena

AUG 21 1973

Impact Assessment  
Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed two-lot subdivision:

Tract #1 and Tract #2, SE 1/4 section 6, Township 7 South, Range 8 West, NPM divided by August J. Schreiber located in Beaverhead County, two miles from the city of Dillon.

The proposed action would be to remove sanitary restrictions from this property. The environmental review process did not indicate a significant environmental impact from the proposed action. Individual water and sewer systems are proposed. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternates available to this division are to remove sanitary restrictions or not to remove sanitary restrictions. This division action is not considered significant.

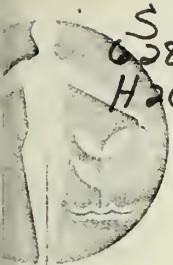
*A. P. Keppner*

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A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake





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# Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

August 15, 1973

## STATE DOCUMENTS

TO; Board of County Commissioners, Courthouse, Bozeman  
City-County Planning Department, Courthouse, Bozeman  
City-County Health Department, Box 639, Bozeman  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Kenneth Nordtvedt, 522 West College, Bozeman  
Ken Porter, 502 South Grand, Bozeman  
Ric Graetz, Box 894, Helena  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena

AUG 17 1973

### Impact Assessment Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

Sourdough Ridge II and Lots A and B of Sourdough Ridge I Amended, located in the SW 1/4, Section 20, Township 2 South, Range 6 East, MT, Gallatin County, Montana.

The proposed action would be to remove sanitary restrictions from this property. The environmental review process did not indicate a significant environmental impact from the proposed action. The area is contiguous to residential development. Twenty-five acres would be divided into ten lots in Sourdough II Subdivision. Individual water and sewer systems are proposed. The soil and water conditions are suitable for individual water systems without contamination of surface or groundwater.

Alternatives available to this division are to remove sanitary restrictions or not remove sanitary restrictions. This division action is not considered significant.

After fifteen days, this project will be reviewed in light of comments received.

*A. P. Kappner*  
A. P. Kappner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake





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Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

September 10, 1973

STATE DOCUMENTS

SEP 20 1973

Board of County Commissioners, Courthouse, Columbus  
City-County Planning Board, Courthouse, Columbus  
C. H. Swanson, Jr., M.D., Co. Health Officer, 27 North 4th, Columbus  
Rodney Fink, Sanitarian, Courthouse, Columbus  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Alf Hulteng, Branch Office, Box 20296, Billings  
Jack Gneiting, 204 Carr Avenue, Columbus  
Ric Graetz, Box 894, Helena  
Student Environmental Research Cent. Room 212 Venture Center, Missoula  
Montana State Library, Helena

IMPACT ASSESSMENT  
NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the one-lot subdivision known as Stillwater County Plat #204036 located in the NE 1/4, NW 1/4, Section 5, Township 3 South, Range 20 East, MPM, Stillwater County, Montana.

The proposed action would be to remove the sanitary restriction from this 2.26 acre lot. Individual water and sewer systems would be used. The environmental review process did not indicate a significant environmental impact from the proposed action. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not remove the sanitary restriction. This division action is not considered significant.

*A. P. Keppner*

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake





# Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59001

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Water Quality Bureau  
Environmental Sciences Division

John S. Anderson, M.D.  
DIRECTOR

August 14, 1973

## STATE DOCUMENTS

AUG 16 1973

### Impact Assessment

### NEGATIVE DECLARATION

TO: All Interested Government Agencies and Public Groups

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

First Addition to Treasure State Acres located in the NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , Section 17, Township 10 North, Range 3 West, MPM, Lewis and Clark County, Montana.

The proposed action would be to remove sanitary restrictions from this property. The environmental review process did not indicate a significant environmental impact from the proposed action. The area is contiguous to residential development and has been zoned residential by the City-County Planning Board. Public sewer and individual water systems are proposed. The soil and water conditions are suitable for individual water systems with public sewer system.

Alternatives available to this division are to remove sanitary restrictions or not remove sanitary restrictions. This division action is not considered significant.

After fifteen days, this project will be reviewed in light of comments received.

*A. P. Keppner*

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A. P. Keppner, Scientist  
Water Quality Bureau



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Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601



John S. Anderson M.D.  
DIRECTOR

October 18, 1973

STATE DOCUMENTS

OCT 25 1973

Board of County Commissioners, Courthouse, Bozeman  
City-County Health Department, Box 659, Bozeman  
City-County Planning Department, Courthouse, Bozeman  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Div. of Planning, Helena  
Mr. Lee Winterowd, c/o Survco, Inc., 103 Commercial Drive, Bozeman  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena  
Mr. Ken Porter, 502 South Grand, Bozeman  
Mr. Ric Graetz, Box 894, Helena

IMPACT ASSESSMENT  
NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

Winterowd Subdivision located in Section 12, Township 1 South,  
Range 4 East, MPM, Gallatin County, Montana.

A 2.676-acre tract would be divided into five lots. Individual water and sewer systems are proposed. The proposed action would be to remove the sanitary restriction. The environmental review process did not indicate a significant environmental impact from the proposed action. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not remove the sanitary restriction. This division action is not considered significant.

*A. P. Keppner*

A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

APK:sh

cc: Ben Wake



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STATE DOCUMENTS

Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

October 10, 1973

Board of County Commissioners, Courthouse, Missoula  
City-County Health Department, Courthouse, Missoula  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Student Environmental Research Center, Room 212, Venture Center, Missoula  
Montana State Library, Helena  
Zane Owen, 2009 Bitterroot Road, Missoula

IMPACT ASSESSMENT  
Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed one-lot subdivision:

Lot 1, Woodland Heights No. 2 located in Section 10, Township 12 North, Range 20 West, MPM, Missoula County, Montana.

The proposed action would be to remove the sanitary restriction from the property. Individual water and sewer systems are proposed. The environmental review process did not indicate a significant environmental impact from the proposed action. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater.

Alternatives available to this division are to remove the sanitary restriction or not to remove the sanitary restriction. This division action is not considered significant.

*A. P. Keppner*  
A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

cc: Ben Wake



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Department of Health and Environmental Sciences  
STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

August 20, 1973

STATE DOCUMENTS

Board of County Commissioners, Courthouse, Billings  
City-County Planning Department, Courthouse, Billings  
Mr. Allen Bond, Sanitarian, Courthouse, Billings  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Alf Hulteng, Branch Office, Box 20296, Billings  
Mrs. Bernice Friez, 531 Lewis Avenue, Billings  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Ric Graetz, Box 894, Helena  
~~Montana State Library, Helena~~

AUG 22 1973

Impact Assessment  
Negative Declaration

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

Certificate of Survey No. 1277, Tracts 6, 7 and 8 located in the NE 1/4, SW 1/4, Section 3, Township 2 North, Range 27 East, MPM, Yellowstone County, Montana.

The proposed action would be to remove sanitary restrictions from this property. The environmental review process did not indicate a significant environmental impact from the proposed action. The three tracts comprise approximately 14 acres, and this property is to be used for one residence. The area has been approved by the City-County Planning Board for this type of land use. The soil and water conditions are suitable for individual water and sewer systems without contamination of surface or groundwater under conditions given in the Certificate of Removal of Sanitary Restriction.

Alternatives available to this department are to remove the sanitary restriction or not remove the sanitary restriction. This division action not considered significant.

*A. P. Keppner*

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A. P. Keppner, Soils Scientist  
Water Quality Bureau  
Environmental Sciences Division

APK:sh  
cc: Ben Wake





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# Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

John S. Anderson M.D.  
DIRECTOR

October 31, 1973

## STATE DOCUMENTS

NOV 1 1973

Board of County Commissioners, Courthouse, Billings  
Mr. Allen Bond, Sanitarian, Courthouse, Billings  
City-County Planning Board, Courthouse, Billings  
Environmental Quality Council, Helena  
Fish and Game Department, Helena  
Department of Intergovernmental Relations, Division of Planning, Helena  
Mr. Alf Hulteng, Branch Office, Box 20296, Billings  
Mr. Dave Folsom, Route 4, King Drive, Billings  
Student Environmental Research Center, Room 212 Venture Center, Missoula  
Montana State Library, Helena  
Atlas Engineer, Box 1483, Billings  
Mr. Ric Graetz, Box 894, Helena

### IMPACT ASSESSMENT NEGATIVE DECLARATION

The Water Quality Bureau has conducted an environmental review for the following proposed subdivision:

Second Amended Plat of Certificate of Survey No. 1198 located in SE 1/4 of Section 12, Township 1 South, Range 24 East, MPM, Yellowstone County, Montana.

The owners would create a 12-lot subdivision, the lots ranging in size from 2.554 acres to 3.508 acres. Cisterns are proposed for domestic water supply. The services of a commercial water hauler are available and a potable water supply is available from the city of Laurel, which is a designated water distribution center. Two private garbage-trash hauling contractors operate in the area.

The soils are generally clays and silty clays with permeability ranging from moderate to very slow. The large size of the lots will enable a septic tank drainfield to be located on an acceptable site. Groundwater can rise above six feet from the surface during the irrigation season. The property has been flood irrigated in the past, but this practice should cease with the development of the property.

The proposed action would be to grant certified subdivision approval. The environmental review process did not indicate a significant environmental impact from the proposed action. This division action is not considered significant. Alternatives available to this division are as follows:

- a. Grant certified subdivision approval as submitted. The information contained in the submittal indicates that consideration should be given to this alternative.

- b. Refuse to grant certified subdivision approval. The environmental review process did not indicate the division can justify this action.
- c. Grant certified subdivision approval with attached conditions of approval that will insure proper location of septic tank drain-fields. This alternative is being given serious consideration by the division.

This impact assessment will be circulated for a period of 15 days at which time this division will review this project in light of comments received that are applicable.

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